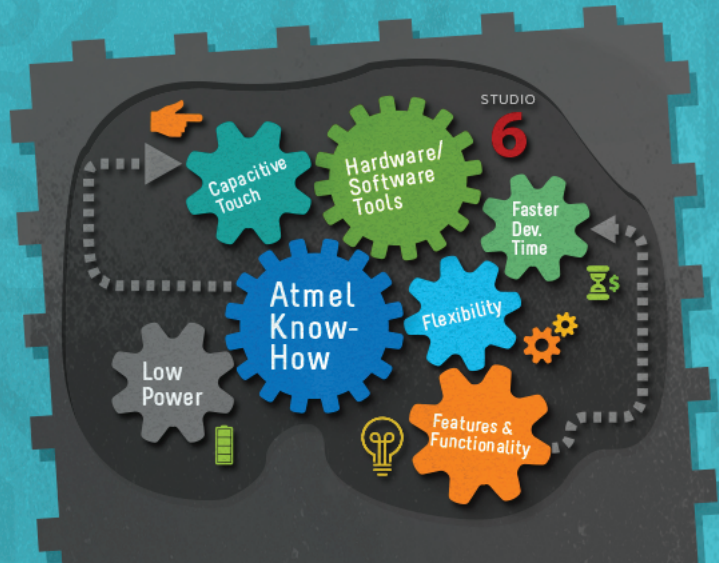# Atmel®

Think Beyond the Core

Introducing Atmel® ARM®-based SAM D20 MCUs

Dear Atmel and Disti FAE,

Congratulations on your new SAM D20 Launch Kit. The Atmel® SAM D20 is the first series in the new ARM® Cortex®-M0+ based microcontroller product family. The SAM D20 features:
- High performance: 48MHz operation and up to 2.14 CoreMark/MHz
- Strong peripheral set:
  - Up to 6 serial communication modules (SERCOM) configurable as UART/USART, SPI or I²C
  - Up to eight 16-bit timer/counters
  - Peripheral Touch Controller (PTC) that supports up to 256 channels and proximity
  - Real Time Clock (RTC) and calendar with leap year correction
  - 12-bit 300ksps ADC and 10-bit DAC
- Low power: <150µA/MHz and ~2µA RAM retention and RTC

In addition to the SAMD20 Xplained Pro Evaluation Kit, you will find a DVD with the sales enablement tools for you to demonstrate and promote this new SAM D20 series, including:
- Sales Tools: Product Presentation, Pitch Packs, Differentiators, and Flyer
- Introduction and Demo Videos

Start exploring Atmel® SAM D20 today and design and win your next project with it!

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